

Douglas Loizzo

Software Engineer

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[Portfolio](#)

[Linkedin](#)

[GitHub](#)

Skills

React, Redux, JavaScript, HTML, SQL, Postgres, AWS, Heroku, Render, FlaskSQL, SQLAlchemy, Node.js, Git, CSS3

Projects

Sportr: (HTML5, Python, Flask, SQLAlchemy, PostgreSQL, React / Redux, Render, AWS)

[live site](#) | [github](#)

Sportr is inspired by Flickr. It is a full-stack web application that allows photo sharing through AWS.

- Utilized Amazon Web Services (AWS) to enable seamless photo uploading and increase user experience and upload time
- Designed and deployed with a React.js Front End and a Flask Python Backend to handle and store data transactions
- Adhered to React and ES6 best practices, such as keeping state data minimal and only storing necessities, to generate a true single-page reactive web app experience
- Created custom SQL queries and reduced server load through the utilization of Active Record associations to extract data from multiple tables in a single query

Snack-Overflow: (Python, Flask, SQLAlchemy, React / Redux, PostgreSQL, Render)

[live site](#) | [github](#)

StackOverflow is a clone of StackOverflow. This is a full-stack web application that has to do with food-related questions.

- Implemented a custom search bar using Redux to allow users to find questions related to search keywords
- Optimized database usage and eliminated N+1 queries by querying specific attributes instead of entire tables and filtering results
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions
- Exercised GitHub practice by using separate branches for team members to ensure only working code is uploaded as well as avoid application-breaking code and interference

AtmosphereBnB: (JavaScript, Express, React / Redux, PostgreSQL, Render)

[live site](#) | [github](#)

AtmosphereBnB was designed as a clone of AirBnB and is a full stack-web application that allows users to create spots for booking.

- Use Express framework to build the web server for the application, allowing for the easy creation of REST APIs and handling of HTTP requests and responses
- Managed scheduling and booking by allowing users to Create, Read, Update, and Delete (CRUD) through custom transactional database operations using Active Record and PostgreSQL to allow users to easily schedule a trip
- Ensured user privacy and autonomy through frontend and backend authentication measures and React Router, allowing users only to access and make changes to their own reservations when logged in

Experience

Sandwich Artist | Subway | August 2016 - December 2017

- Collaborated with team to coordinate food prep to prevent any halts in sales and maintain high-quality standards
- Operated according to expectations and procedures set by managers to close and open the store effectively and efficiently
- Optimized customer experience through active listening to build customer orders according to detailed specifications

Cashier/Sales Associate | Home Depot | July 2019 - November 2021

- Dealt with conflict resolution when customers had problems with their homes resulting in easy and strong solutions being given to help keep their houses safe and in top condition
- Utilized creativity when unloading pallets of products and placing them on the shelves to make sure everything had a home and was not left crowding aisles
- Assisted with troubleshooting in other departments during high demand and maintained efficiency to ensure customer satisfaction
- Implemented quick problem-solving solutions when issues arose with customers or workflow enabling swift and proper task resolution to avoid build-up

Education

App Academy | August 2022 | New York, NY - Immersive software development course in full-stack web development

The University of Central Florida | Associates Degree | Summer 2017 - Summer 2020 | Orlando, FL